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National Ignition Facility Mobile Applications

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April 5, 2011

National Ignition Facility Mobile Applications
San Francisco, CA, United States
April 3, 2011 through April 6, 2011

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Lawrence Livermore National Laboratory

National Ignition Facility Mobile Applications

March 2011



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This work performed under the auspices of the U.S. Department of Energy by
Lawrence Livermore National Laboratory under Contract DE-AC52-07NA27344

UCRL-XXXX-12345

Agenda



- National Ignition Facility (NIF)
- NIF Mobile Application
- iPhone/iPod Touch Application
- Android Application
- Current Work
- Future of iNIF



National Ignition Facility (NIF)



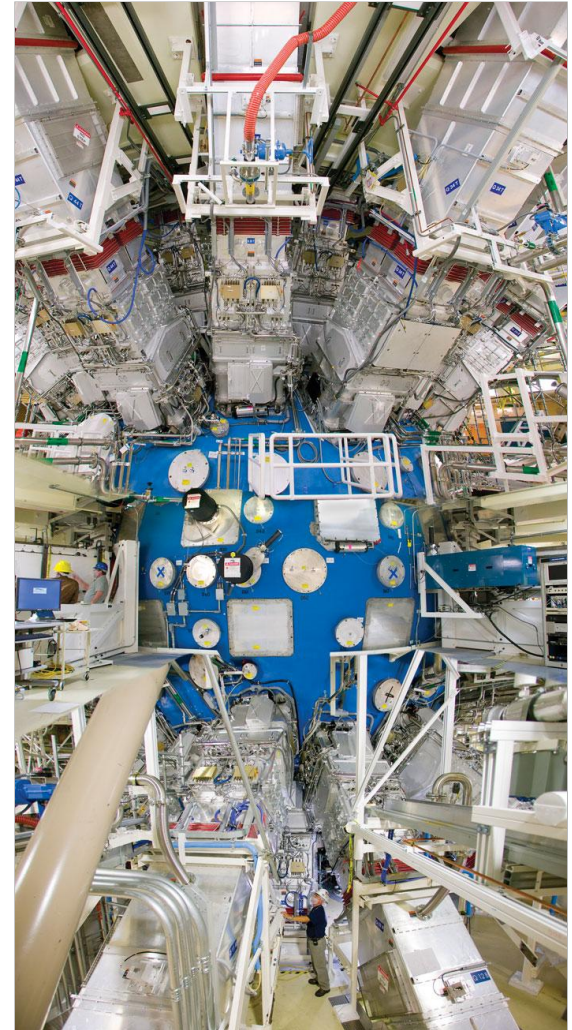
- **The NIF & Photon Science Principal Directorate** is one of five directorates at Lawrence Livermore National Laboratory. (LLNL) in Livermore, California.



National Ignition Facility (NIF)



- The world's largest and most energetic laser, which has the goal of achieving nuclear fusion and energy gain in the laboratory for the first time—in essence, creating a miniature star on Earth.



Mobile Application



- NIF information and mission
- Dynamically updated project status
- Photos and videos synced to the NIF&PS web servers
- Latest news, press releases and news roundup
- Video and photo bookmarks
- Update notifications
- Offline mode for photos and news
- Facebook® and Twitter™ integration for easy sharing



NIF iPhone/iPod Touch Application



Store Mac iPod iPhone iPad iTunes Support Search

iTunes Preview What's New What is iTunes What's on iTunes iTunes Charts How To

National Ignition Facility By LLNL

Open iTunes to buy and download apps. [View More By This Developer](#)



Description

The National Ignition Facility (NIF) is the world's largest and most energetic laser system. The NIF's 192 intense laser beams can deliver nearly two million joules of ultraviolet laser energy in billionth-of-a-second pulses, more than 60 times the energy of any previous laser system. When all that energy hits a millimeter-sized target, it can generate

[LLNL Web Site](#) [National Ignition Facility Support](#) [...More](#)

iPhone Screenshots

Free
 Category: Education
 Released: Sep 25, 2010
 Version: 1.0.0
 1.0.0
 6.3 MB
 Language: English
 Seller: LLNL
 © 2010 Lawrence Livermore National Laboratory
 Rated 4+
 Requirements: Compatible with iPhone, iPod touch, and iPad. Requires iOS 3.0 or later

Customer Ratings
 Current Version:
 ★★★★★ 8 Ratings

NIF Overview
 A sampling of photos of the National Ignition Facility

In the Beginning
 Historical photos of Lawrence Livermore National Laboratory and the Nevada Test Site

Building NIF
 Groundbreaking and construction of the National Ignition Facility

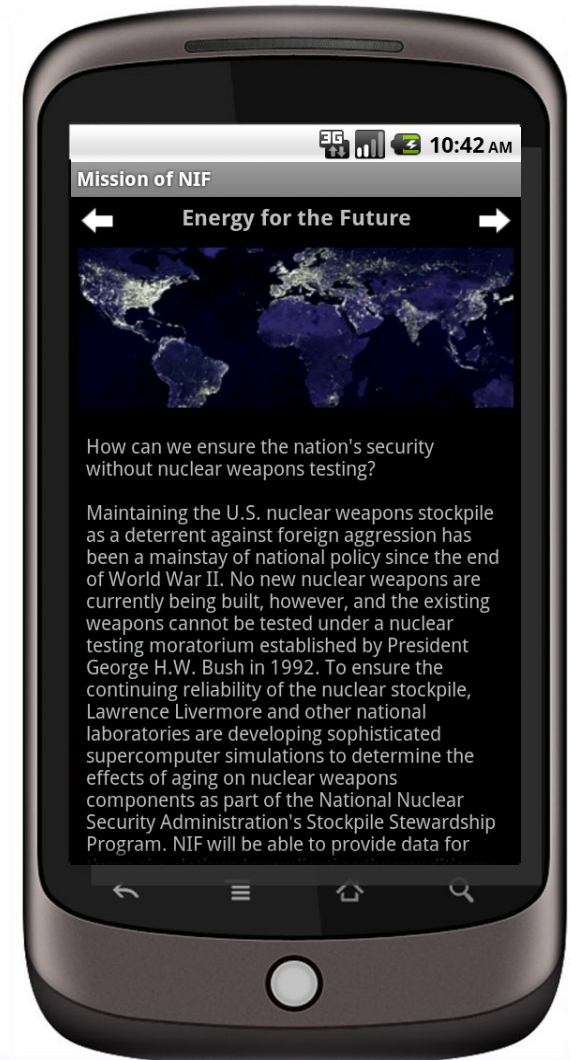
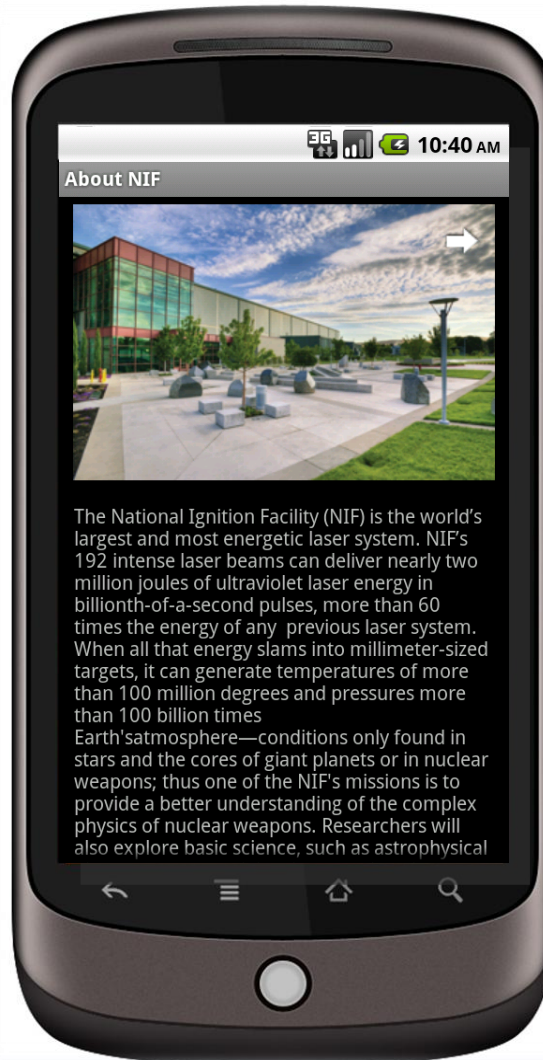
NIF Missions
Project Status

NIF&PS **Lawrence Livermore National Laboratory**

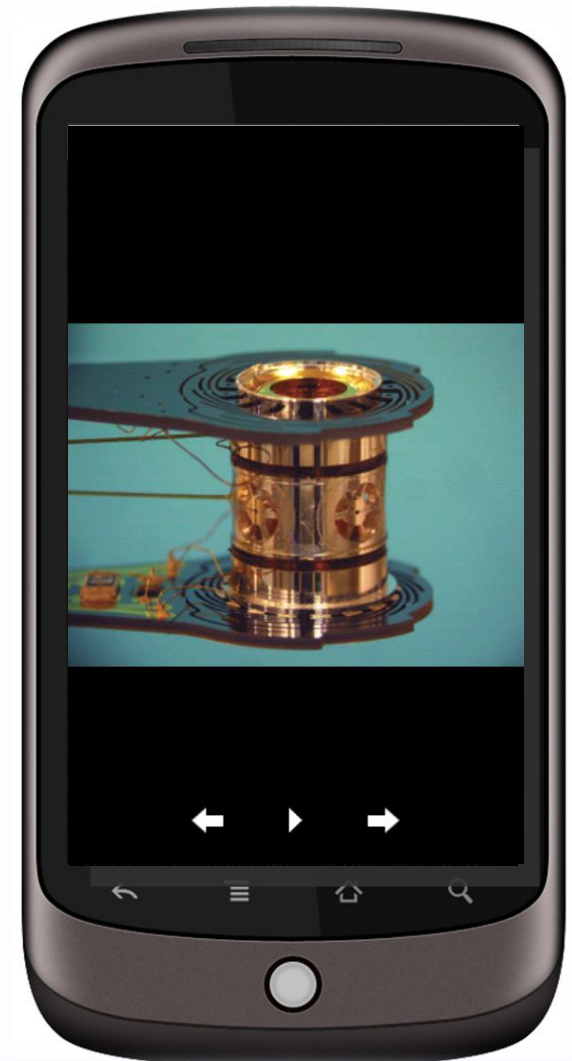
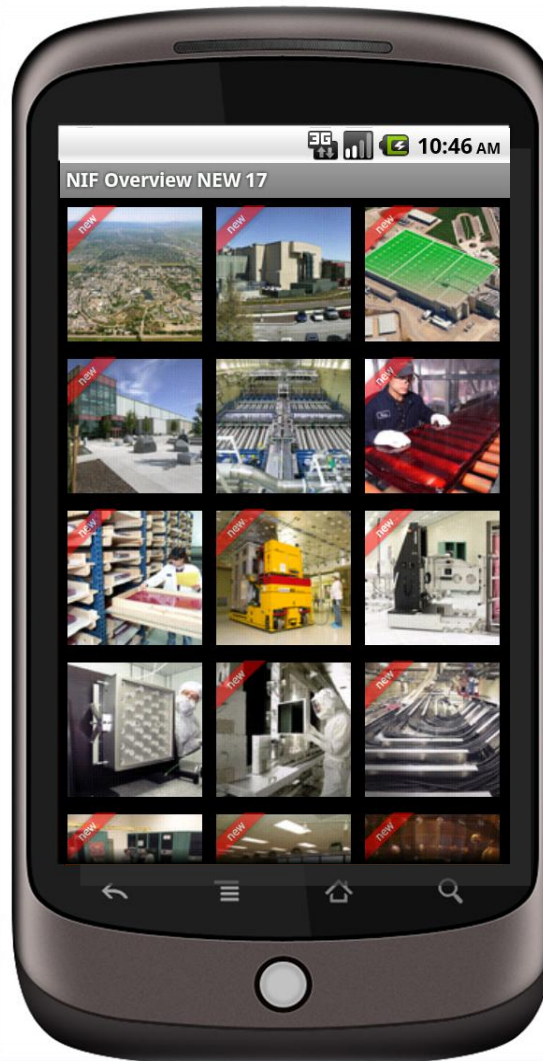
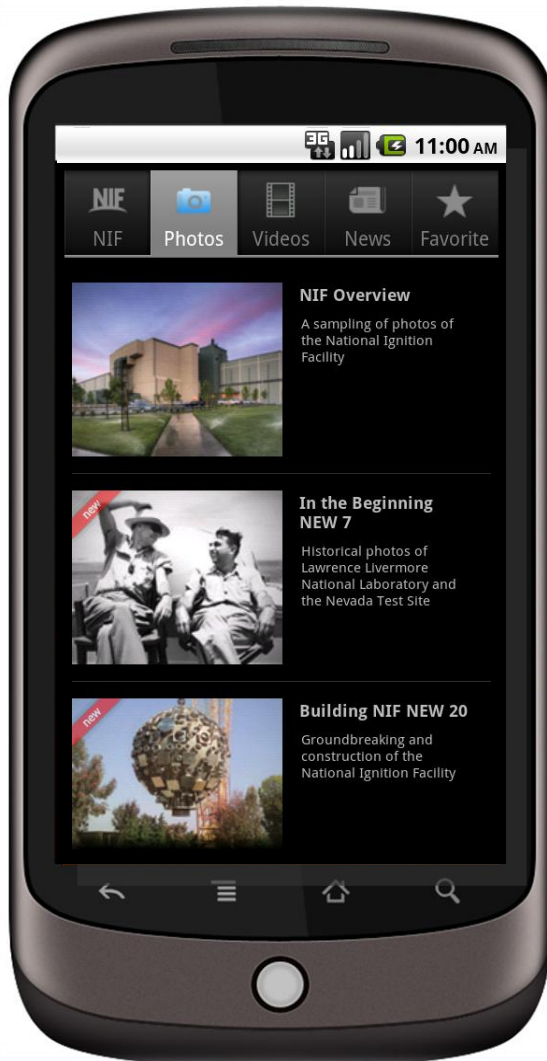
About NIF **Photos** **Videos** **News** **Favorites**



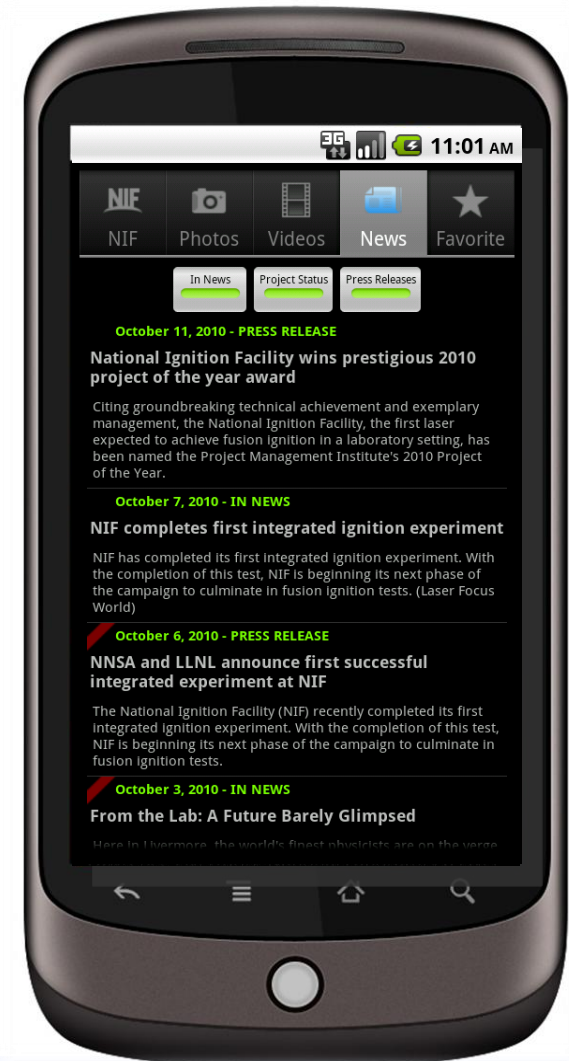
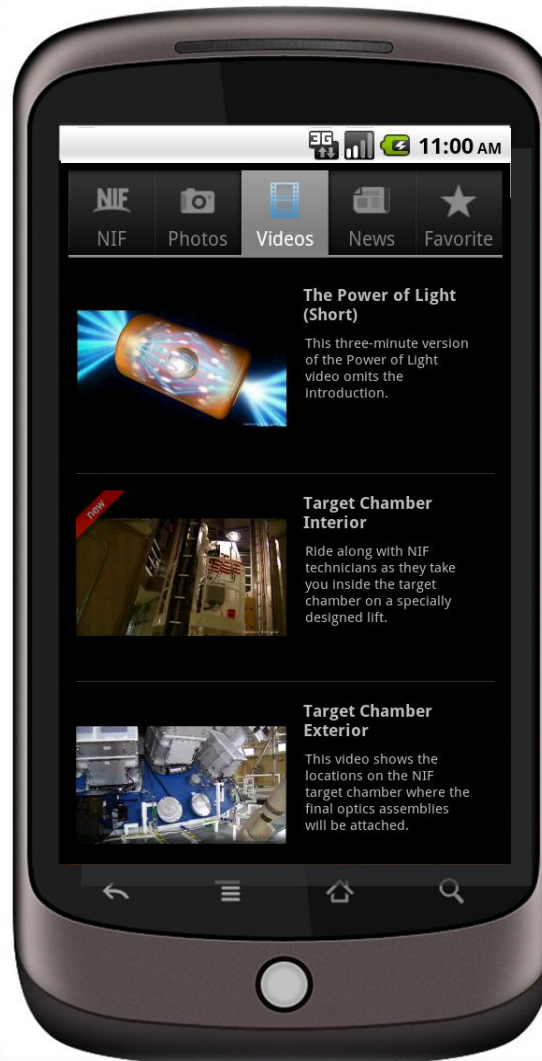
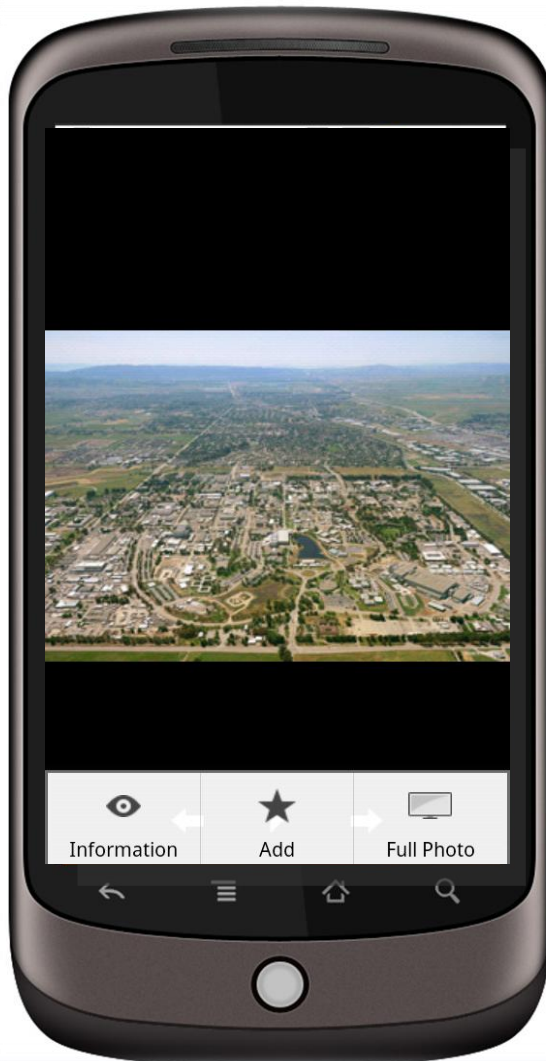
Android Application



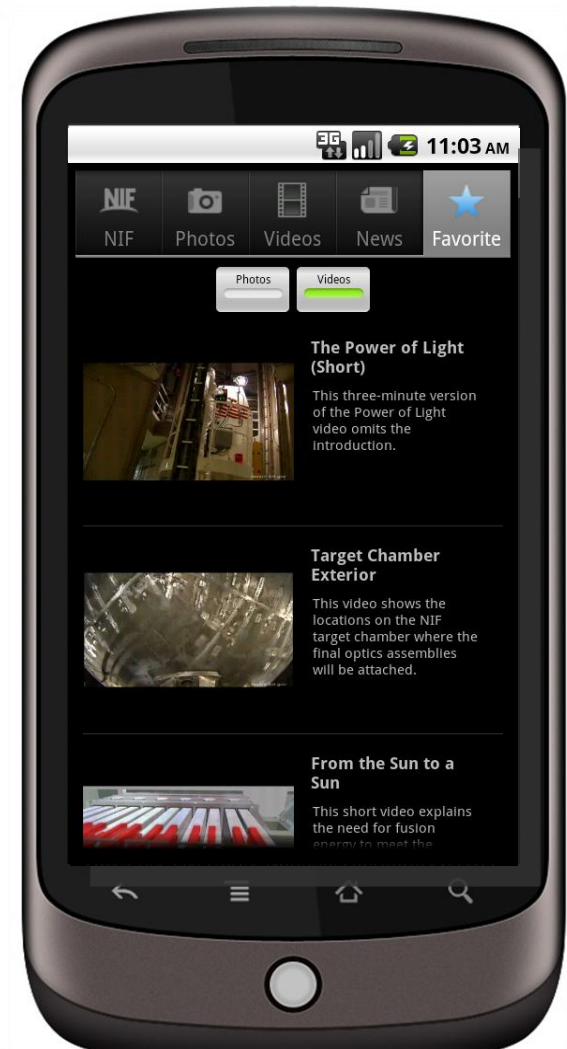
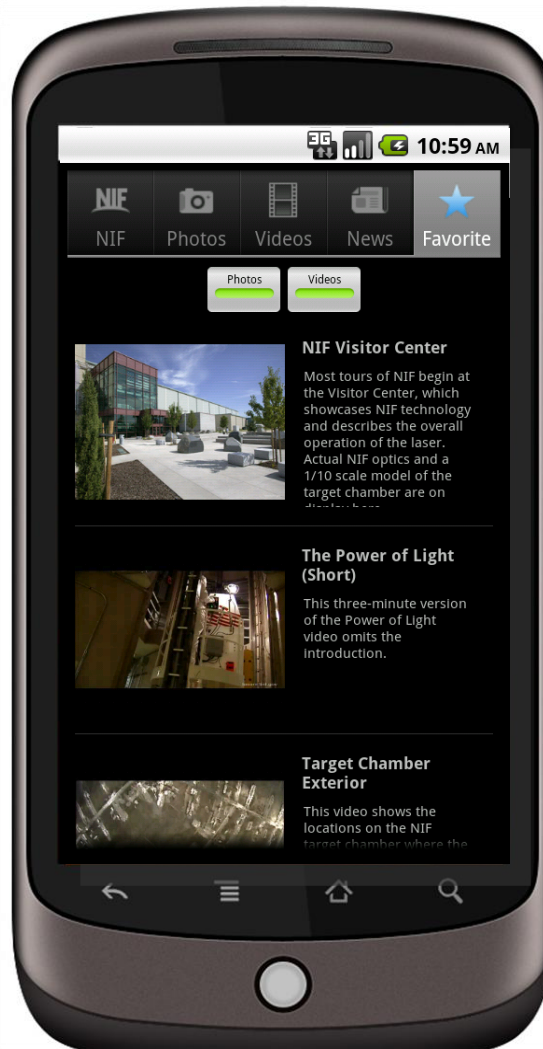
Android Application



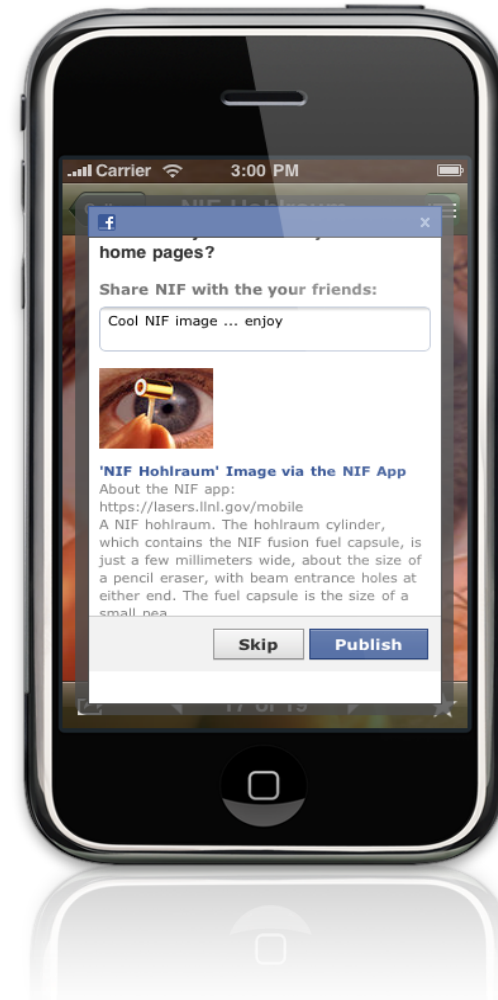
Android Application



Android Application



- Update notifications
- Videos
- Facebook® and Twitter™ integration



Future iNIF



- iNIF versions will include other NIF&PS projects, and an iPad version



Special Thanks



**Ephraim Tekle, mentor
Pelin Angin, iPhone**

Tony Baylis



For More Information



For more information:
<http://lasers.llnl.gov/mobile>

